## JC05 Rec'd PCT/PTO 01 SEP 2005

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Thr Leu Asn Lys Leu Tyr Ala Trp Ser Leu Val Asn Tyr Asp Arg Val 115 120 125

Val Met Leu Asp Ala Asp Asn Leu Phe Leu Gln Lys Thr Asp Glu Leu 130 135 140

Phe Gln Cys Gly Gln Phe Cys Ala Val Phe Ile Asn Pro Cys Ile Phe 145 150 155 160

His Thr Gly Leu Phe Val Leu Gln Pro Ser Lys Lys Val Phe Asn Asp 165 170 175

Met Ile His Glu Ile Glu Ile Gly Arg Glu Asn Gln Asp Gly Ala Asp 180 185 190

Gln Gly Phe Ile Gly Gly His Phe Pro Asp Leu Leu Asp Arg Pro Met 195 200 205

Phe His Pro Pro Leu Asn Gly Thr Gln Leu Gln Gly Ser Tyr Arg Leu 210 215 220

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- Lys Asn Arg Asn Phe Thr Cys Lys Phe Pro Thr Val Lys Leu Ile Leu 50 55 60
- Gly Val Ile Ala Leu Val Ala Ile Trp Ser Leu Trp His Ser Pro Ala 65 70 75 80
- Ile Tyr Asn Thr Glu Tyr Ile Ser Ser Gly Ser Arg Ala Ala Leu 85 90 95
- Met His Arg Glu Leu Ser Gly His Ser Ser Ala Asp Gln Arg Tyr Thr
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	_		20		Ala			25					30				
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Asp Val Asp Asn Leu Phe Leu Lys Asn Thr Asp Glu Leu Phe Gln Cys
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Gly Gln Phe Cys Ala Val Phe Ile Asn Pro Cys Ile Phe His Thr Gly
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Glu Leu Glu Val Lys Arg Asp Asn Pro Asp Gly Ala Asp Gln Gly Phe
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Pro Pro Asp Asn Arg Thr Ala Leu Lys Gly His Phe Arg Leu Pro Leu
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Val Pro Cys Gly Pro Asn Ser Val Ile Thr Phe Pro Gly Ala Val Trp
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caa cca ccg caa gaa acg gcg ata gat acc gca aac gcg gtg g Gln Pro Pro Gln Glu Thr Ala Ile Asp Thr Ala Asn Ala Val V 35 40 45		4
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565

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_	_			acc Thr	_				_	_						1857
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325

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_			_	ggg Gly				_	 		_			1488
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			_	aac Asn	_	_					_	_	_	1776

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Val Leu Asn Thr Thr Thr Asn Val Thr Thr Thr Pro Ser Pro Thr Lys
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Pro Thr Lys Pro Glu Thr Phe Ile Ser Arg Phe Ala Pro Asp Gln Pro 85 90 95

Arg Lys Gly Ala Asp Ile Leu Val Glu Ala Leu Glu Arg Gln Gly Val

Glu Thr Val Phe Ala Tyr Pro Gly Gly Ala Ser Met Glu Ile His Gln
115 120 125

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Gln Gly Gly Val Phe Ala Ala Glu Gly Tyr Ala Arg Ser Ser Gly Lys 145 150 155 160

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Met Gly Phe Gly Leu Pro Ala Ala Ile Gly Ala Ser Val Ala Asn Pro 515 520 525

Asp Ala Ile Val Val Asp Ile Asp Gly Asp Gly Ser Phe Ile Met Asn 530 540

Val Gln Glu Leu Ala Thr Ile Arg Val Glu Asn Leu Pro Val Lys Val 545 550 555 560

Leu Leu Asn Asn Gln His Leu Gly Met Val Met Gln Trp Glu Asp 565 570 575

Arg Phe Tyr Lys Ala Asn Arg Ala His Thr Phe Leu Gly Asp Pro Ala 580 585 590

Gln Glu Asp Glu Ile Phe Pro Asn Met Leu Leu Phe Ala Ala Cys 595 600 605

Gly Ile Pro Ala Ala Arg Val Thr Lys Lys Ala Asp Leu Arg Glu Ala 610 620

Ile Gln Thr Met Leu Asp Thr Pro Gly Pro Tyr Leu Leu Asp Val Ile 625 630 635 640

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## and bel in pHAS3 for RNAi

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